



Date: 7/28/95

RE: HEAVY METAL SOIL REMEDIATION

Dear Brad —

Per our phone conversation, Soil Technologies is proud to introduce a new and exciting technology....MBS (Molecular Bonding System). MBS has been accepted into the USEPA SITE program!!

MBS provides significant advantages and benefits versus other remediation technologies:

- * Permanent Stabilization...treated material does not break down over time and is reclassified as non-hazardous. MBS is the only technology that creates a sulfide bond which is the most insoluble chemical compound for virtually all heavy metals.
- * Cost Efficient...savings are as high as 50% versus other methods such as stabilization and solidification, vitrification, soil washing and transportation and disposal.
- * Superior Versatility...MBS treats contamination in three ways: in soil and barrels, sludge from a production line (changing hazardous material to non-hazardous) and ash waste streams from incinerators or power plants.

We are confident that MBS can save significant dollars over current technologies, while at the same time providing a far better solution to heavy metals problems.

If you would like to receive additional information or have us provide a quotation for an existing project, please contact us at our St. Louis location above.

Best Regards,


Daniel McKeague
Vice-President

EPA Region 5 Records Ctr.



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RESEARCH AND DEVELOPMENT
RISK REDUCTION ENGINEERING LABORATORY
CINCINNATI, OHIO 45268

December 13, 1994

Mr. Robert B. Kuhn
SOLUCORP Industries, Ltd.
520 Victor Street
Saddle Brook, NJ 07663

Dear Mr. Kuhn:

Your Proposal for remediation of metal-contaminated soils through the MBS™ Technology has been re-evaluated by the SITE Program. After discussion with your project team, and following clarification that SOLUCORP is proceeding with a field evaluation and full-scale remediation, the SITE review team has recommended that the technology be accepted into the SITE Program.

Since the technology is proposed for remediation of a site in New Jersey, it is clearly moving into the commercial market and is of interest to regulators and site owners. I encourage you to consider the New Jersey site for the demonstration, and to help the SITE Program begin to coordinate with the State regulators.

Three continuing technical concerns, however, that we will attempt to address in the demonstration are: 1. stability of the metal-sulfide compound; 2. bioavailability and toxicity of the sulfide material; and 3. protection or disposal requirements for the stabilized soil. As the Demonstration Plan is designed and written you will have ample opportunity to discuss the evaluation with us and to review and approve our plans.

A Project Manager will be assigned to this project shortly. Until that time you may continue to work with John Martin, Chief of the SITE Demonstration and Evaluation Branch (513) 569-7758.

Sincerely,

A handwritten signature in dark ink, appearing to read "Robert A. Olexsey".

Robert A. Olexsey, Director
Superfund Technology Demonstration Division

cc: Teri Richardson
John Martin



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